PATENT COOPERATION TREATY

INTERNATIONAL SEARCH	NG AUTHOR	ITY			
To: JANE MASSEY LICATA LICATA & TYRRELL P.C.				PCT	
66 E. MAIN STREET MARLTON, NJ 08053				ITTEN OPINION OF THE NAL SEARCHING AUTHORITY	
				(PCT Rule 43bis.1)	
			Date of mailing (day/month/year)	17 MAR 2006	
Applicant's or agent's file red	ference		FOR FURTHER	ACTION See paragraph 2 below	
International application No.	I	nternational filing date	(day/month/year)	Priority date (day/month/year)	
PCT/US04/43620 29 Do		9 December 2004 (29.1	12.2004)	30 December 2003 (30.12.2003)	
International Patent Classific	ation (IPC) or I	both national classificat	ion and IPC		
IPC: G03F 9/00(2006.0 USPC: 430/5,311	01);G01C 5/00((2006.01)			
Applicant					
DREXEL UNIVERSITY					
1. This opinion contains in	dications relati	ng to the following item	ns:		
Box No. I	Basis of the o	pinion			
Box No. II	Priority				
Box No. III	Non-establish	ment of opinion with re	egard to novelty, inver	ntive step and industrial applicability	
Box No. IV	Lack of unity	of invention		,	
Box No. V	Reasoned stat applicability;	ement under Rule 43bi. citations and explanation	s.l(a)(i) with regard to ons supporting such st	o novelty, inventive step or industrial atement	
Box No. VI	Certain docum	nents cited			
Box No. VII	Certain defect	ts in the international ap	oplication		
Box No. VIII	Certain obser	vations on the internation	onal application		
2. FURTHER ACTION	N				
International Prelimina	ry Examining is one to be the	Authority ("IPEA") e e IPEA and the chosen	except that this does IPEA has notified th	be considered to be a written opinion of the not apply where the applicant chooses an a laternational Bureau under Rule 66.1 bis(b) ered.	
IPEA a written reply to of Form PCT/ISA/220	gether, where a or before the ex	appropriate, with amen piration of 22 months f	dments, before the ex	PEA, the applicant is invited to submit to the piration of 3 months from the date of mailing whichever expires later.	
For further options, see	Form PCT/ISA	V220.			
3. For further details, see 1	notes to Form F	CT/ISA/220.			
Name and mailing address of	of the ISA/ US	Date of comp	letion of this opinion	Authorized officer	
Mail Stop PCT, Attn Commissioner for Pa	: ISA/US			Stephen Rosasco	
P.O. Box 1450 Alexandria, Virginia Facsimile No. (571) 273-320				Telephone No. 571 272-1389	
racsimile No. 13/11/2/3-3/8	/1	1		1	

Form PCT/ISA/237 (cover sheet) (April 2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US04/43620

Box No. I Basis of this opinion
1. With regard to the language, this opinion has been established on the basis of:
the international application in the language in which it was filed
a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
a. type of material
a sequence listing
table(s) related to the sequence listing
b. format of material
on paper
in electronic form
c. time of filing/furnishing
contained in the international application as filed.
filed together with the international application in electronic form.
furnished subsequently to this Authority for the purposes of search.
3. In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:
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Form PCT/ISA/237(Box No. I) (April 2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/43620

Statement		
Novelty (N)	Claims NONE	YES
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Claims 1-8	NO
. Inventive step (IS)	Claims 1-4 and 8	YES
2	Claims 5-7	310
Industrial applicability (IA)	Claims 1-8	YES
·	Claims NONE	
en et al. teach the claimed invention including a	s being anticipated by Chen et al. (2004/0150865). method of fabricating a programmable mask, wherein a rality of optical modulators each including at least or adulators, said control arrangement applying a stimul	ne nano-particle; and a contro
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